

Amendments to the Claims

The following Listing of Claims replaces all previous versions and listings in this application.

Listing of Claims

1-6. (Canceled)

7. (Presently Amended) An input device for an image forming device comprising:

a motor;

a pick mechanism operatively connected to the motor, the pick mechanism positioned to move a media sheet from an input tray;

a first gear set having a first ratio and operatively connecting the motor to the pick mechanism;

a feed nip operatively connected to the motor to receive the media sheet and forward the media sheet along a media path, the feed nip positioned downstream from the pick mechanism a distance less than a length of the media sheet;

a second gear set having a second gear ratio and operatively connecting the motor to the feed nip;

the motor operating at a constant speed and driving the pick mechanism at a first speed and the feed nip at a second speed that is different from the first speed;

wherein the second gear set includes a swing arm having a first gear on a first arm, and a second gear on a second arm, the swing arm is positionable between a first orientation with the first gear in contact with the feed nip and a the second gear distanced from the feed nip, and a second orientation with the first gear distanced from the feed nip and the second gear in contact with the feed nip;

~~The device of claim 1, further comprising~~ a metering nip positioned downstream from the feed nip and operating at a third speed greater than the second speed, the feed nip having a clutch to rotate at the third speed when the media sheet is in contact with both the metering nip and the feed nip.

8. (Presently Amended) The device of claim 4-7, further comprising a clutch positioned within the pick mechanism that allows the pick roll to rotate at the second speed which is greater than the first speed when the media sheet is in contact with both the feed nip and the pick roll and the motor is operating at a first level.

9-30. (Canceled)

31. (Presently Amended) A method of moving a media sheet within an image forming apparatus comprising the steps of:

driving a motor at a first rate in a first direction to rotate a first roller in a forward direction and contacting the media sheet with the first roller to move the media sheet at a first speed along a first section of a media path;

driving the motor at the first rate in the first direction to rotate a second roller in the forward direction and contacting the media sheet with the second roller to move the media sheet at a second speed along a second section of the media path; and

reversing the motor to a second direction and continue rotating the second roller in the forward direction and contacting the media sheet with the second roller to move the media sheet along the second section of the media path; and

driving the motor in the second direction with the first roller contacting the media sheet and rotating freely as the media sheet is driven by the second roller.

32 -38 (Canceled)